

ABSTRACT OF THE DISCLOSURE

A process for forming an in-plane switching liquid crystal display device includes: defining a first liquid crystal cell area that has a first size and a second liquid crystal cell area that has a second size on a first bare glass, wherein first longer sides of the first liquid crystal cell area run in a first direction on the first bare glass and second longer sides of the second liquid crystal cell areas run in a second direction; forming array elements that include thin film transistors, common electrodes and pixel electrodes within the first and second liquid crystal cell areas of the first bare glass, wherein the common electrodes and pixel electrodes define concentric ring-shaped apertures; rubbing the first bare glass having the array elements in a first rubbing direction; forming a color filter layer on a second bare glass wherein liquid crystal cell areas corresponding in size to the first and second liquid crystal cell areas are defined; and rubbing the second bare glass having the color filter in a second rubbing direction opposite to the first rubbing direction.